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## Patent Abstracts of Japan

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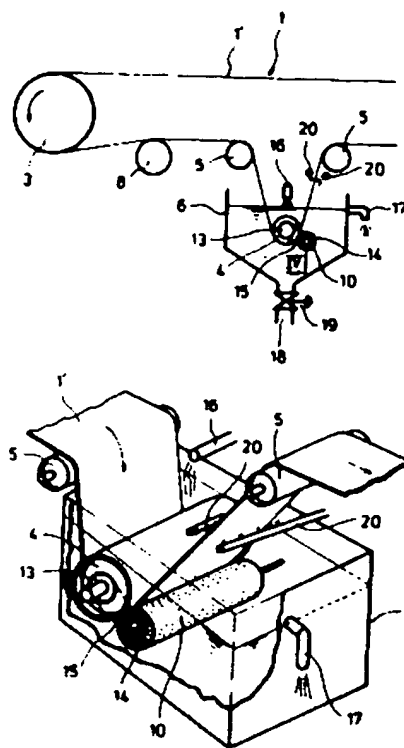
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TITLE : BELT CLEANER



ABSTRACT : PURPOSE: To remove dust adhered to a belt efficiently without scattering by providing a belt of a belt conveyer on the return side with the midway portion thereof submerged in a water tank, and rotatably mounting a dust scraping cylindrical brush in the water tank.

CONSTITUTION: The midway portion of a belt 1' on the return side in a belt conveyer 1 is turned down to detour, and bending pulleys 4, 5 are disposed on lower and upper portions of the detour portion, respectively. In this case, the lower bending pulley 4 portion is submerged in a water tank 6 disposed below the conveyer 1. In the water tank 6, a cylindrical brush 10 is arranged adjacent to the bending pulley 4 side by side, and an endless chain 15 is laid between wheels 13, 14 mounted on respective shafts of the pulley 4 and the brush 10, so that with rotation of the belt 1', the brush 10 is rotated in the direction opposite to the running direction of the belt 1'. Thus, dust adhered to the belt 1' can be efficiently removed in the water tank 6 without scattering.

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